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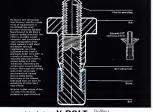
and Space Technology

February 13, 1961 SPECIAL REPORT:

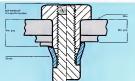
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Design Now for Brazing

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DESIGN IMPROVEMENT is a fundamental observes of



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error years, each of its thousands of components must function perfectly locather if the button is probed. This is the new Endersonburged Systems by Autonetics & Division of North Assessing Assessing







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OLD METHOD

When Should Alloy Steels Be Ordered to Hardenability?

What is hardenability and how does it differ in earlier and alloy steels? Hardanshiftin can be defined as

the capacity of steel to develop a desired degree of hardness, usually measured in depth. It is produced by special heating and cooling. Carbox steel, except in small sections. will normally harden to a death distribe below its surface, while allow stool can under certain con-

corochine is larvely a function of the carbon content of the steel-Deeth hardness on the other hand. is the result of alloying elements and regin size in addition to the carbon present in the steel. In second where hardenshifts is

the prime consideration, it is not too important which allow steel is used, just so lone as there is sufficient carbon present to give the prescribed bardness, and there are enough alloying elements to quench out the section. It is not considered proof practice to alloy a small section executively, since exceptive use of allowing elements with little to the properties and case, in some instances, induce susceptibility to quenching eracks. There are, of course, manerous

cases where factors other those band. enablity must be considered; such factors as low-transcrature impact. heavy shock reconstistance, and the ability to make temper brittleone Through-hardening therefore shollow bardenine is often seemsome in shorte amplications, because

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February 13, 1961

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EDITORIAL

Shaping a Modern Strategy

Defense Secretary Robert McNassau by the succed task uply Management has much this ball kind properly of the use acchargories offers a far water precition of their possible application in support of national policy

United National Policy

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Need for Intelligence

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LACK OF RECONNAISSANCE "PROTECTS" THE ALLIES AT

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command decided to evacuate costs a trick when been measured by lack of recommunity contribution

From the beginnings of communities on the tree of the earth recommission has helped shape history. Today CATs appoint Presentation, date display system, KA-38 the world's root inta-ble serial secrets, SOLO like only shorts explicit "available over But, while Turkish non-way planting confelly healt a

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ster at BCA's David Second Berench Center (AW Aug. 22, p. 23).

Produkty of sites New's Beater East-Dearles PED Missilver six supercerbs weapon traines for long-stage ground attack and sub-subrantar water mangers is make discussed by Navy and the contraction. Eagle

gardence for native, remines could be cheaper and less soubstructed, but the ► Watch for a much program to do close with life indexect and interestion vehicle motor a different project most than Sout GAW Jan. 2, p. 15). * Harder-Schlein is computer for Roll-Range RE163 stress terbelet

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ATTACON WHITE February 13, 1915

SILICOLOGY

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As the Jets Go Faster, Hotter... Silicones Match Their Needs

VITAL TO GLASS FIRES PARFLS and commercial acts where better only. There are more and more places on the fire arms bridgets accountly tack FROM RADIOS TO COVIETA MASKS

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SILICONES

Washington Roundup -

Johnson's Space Reign

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Sea. Bobert Ken has dropped his original plan to select two technical nece for the tes stoff jobs on his Sonato space comparation. He is convine Toward 11 Severb. In

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Economic Impact of Arms Control Studied Senate group asks 440 industry community for data;

number of other Administration efforts under way By Katherine Johnson Washington, First expensive ones a super of the researt that now control

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Soviets Launch Seven-Ton Sputnik. Maintain Silence on Its Purpose

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AVAILON WEEK, February 12, 1711

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Douglas Urges National Aviation Policy

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Examiner Recommends Against Trunk-Local Airline Competition By L. L. Doty

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AVAIDON WEEK, February 10, 1562



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ANATION WEEK, February 13, 1563



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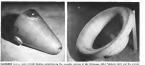


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